

Transmission Business Line (TBL)

Scheduling Automation Bulletin, SAB003

E-Tag Matching and Balancing Procedures, Version 1

Posted: October 8, 2004

Effective for Testing: November 9, 2004

Effective for Full Implementation: December 6, 2004

Comments: etags@bpa.gov

In our continuing effort to ensure compliance with Western Electricity Coordinating Council's (WECC) Reliability Management System (RMS) Amendment 4, Section J, and Annex A, Sections M.2.b.4 and M.2.b.5 and avoid sanctions that take effect in January 2005, the TBL is focusing on scheduling automation activities to ensure that all required transactions with our control area have an E-Tag and a RODS schedule. This Scheduling Automation Bulletin focuses on providing you with information about process changes related to Matching of E-Tags to RODS accounts, and Balancing of E-Tag energy profiles with RODS schedule profiles.

The purpose of this Bulletin is to help prepare your organization for TBL's ultimate implementation of a number of these changes. We will keep you informed about TBL's processes and procedures through bi-weekly customer conference calls, through periodic descriptive postings, and in other forums as required. As we move to implement the scheduling automation functionality outlined in this Bulletin, we will provide notices regarding the implementation dates for these activities. All customers are invited to raise questions, clarify procedures, or offer feedback throughout the months leading to January on the bi-weekly calls, through etags@bpa.gov, or through your account executives. This ongoing communication is intended as an enhanced process to obtain your input as an alternative to the 15-day comment period that is used in TBL's business practice development. At the conclusion of TBL's implementation, in January 2005, a Business Practice capturing all of the final adopted procedures will be prepared and posted.

Table of Contents

| | |
|--|---|
| 1. Implementation Dates | 2 |
| 2. Process Overview | 2 |
| 3. Matching E-Tags to RODS Accounts | 2 |
| 4. Balancing E-Tags and RODS Schedules | 3 |
| 5. Possible Customer Responses to Matching or Balancing Problem(s) | 4 |
| 6. Summary Table of TBL Corrective Actions | 5 |
| 7. Related Documents | 6 |

1. Implementation Dates

TBL is working to be compliant with the Western Electricity Coordinating Council's (WECC) Reliability Management System (RMS) Agreement Amendment 4, Section J and Annex A, Sections M.2.b.4 and M.2.b.5. In order to do so, we are implementing a number of new scheduling and E-Tagging processes:

On November 9, 2004 at 12:01 a.m., TBL will:

- A) Cut over to OATI for its tag authority and approval service,
- B) Begin matching E-Tags to RODS accounts, and
- C) Implement balancing of the sum of E-Tag(s) energy profiles and RODS schedule profiles in both Pre-Schedule and Real-Time.

Starting on December 6, 2004 at 12:01 a.m., TBL will:

- A) Deny E-Tags that cannot be matched to RODS accounts
- B) Take corrective action when the E-Tag energy profile and RODS schedule profile do not balance.

TBL will work with customers to assure that issues are worked out prior to full implementation during the period from November 9, 2004 through December 5, 2004. This is a transition period for both TBL and our customers.

2. Process Overview

TBL's process for E-Tags and schedules requires accounts to be built prior to scheduling and also requires submittal of independent RODS account-based schedules in addition to E-Tags. TBL's submittal requirements differ between Pre-Schedule and Real-Time. The process described in Figure 1 in boxes 1, 2, and 3 depicts the recommended submittal process for Pre-Schedule transactions and depicts the required submittal process for Real-Time transactions due to the compressed timeframes for E-Tagging and scheduling. (See Figure 1 on the next page).

3. Matching E-Tags to RODS Accounts

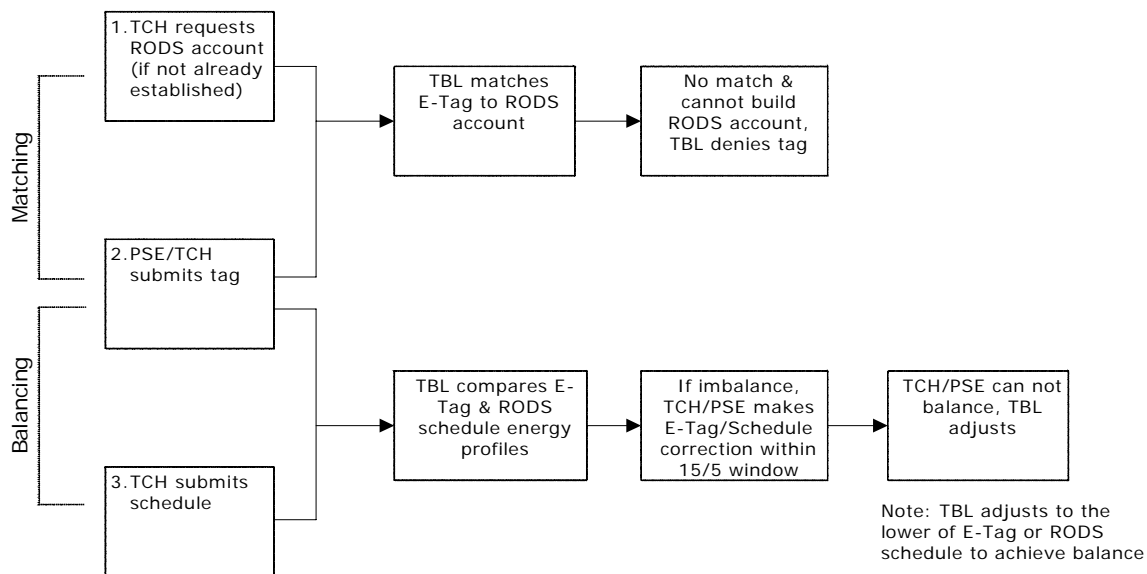
TBL's first step in compliance with the WECC RMS Agreement is to assure that there is a RODS account for each E-Tag submitted - we refer to this as "Matching". When E-Tags are received, in addition to the normal E-Tag validations, the scheduler will take steps to match the E-Tag to appropriate RODS account(s). An E-Tag that does not have an associated RODS account cannot be implemented just as a transaction cannot be scheduled without a RODS account. When TBL matches an E-Tag to a RODS account, we use the eight basic items of information identified in TBL's Scheduling Procedure "Establish an Account Prior to Scheduling", dated October 8, 2003.

Specifically, starting on December 6, 2004 at 12:01 a.m., TBL will deny an E-Tag if:

- In Pre-Schedule an E-Tag does not have a RODS account match and one cannot be built prior to checkout; or
- In Real-Time, an E-Tag does not have a RODS account match upon E-Tag submission.

E-Tag Matching & Balancing Overview (Figure 1)

TCH = Transmission Contract Holder
PSE = Purchasing/Selling Entity



4. Balancing E-Tags and RODS Schedules

TBL's next step for WECC RMS Agreement compliance is to assure that the E-Tag(s) energy profile(s) and the RODS schedule profile(s) are equal - we refer to this as "Balancing". As part of the schedule confirmation and checkout processes, TBL schedulers will verify that the E-Tag and RODS schedules balance. This balancing process recognizes that there are many instances where multiple E-Tag energy profiles are summed to balance with one RODS schedule profile. It also recognizes that multiple physical segments of the transaction reflect the sum of E-Tag(s) energy profile(s). Finally, it recognizes that an E-Tag may involve more than one RODS account for transactions involving a hub.

If the E-Tag and the RODS schedule do not balance, TBL will take the following corrective actions effective December 6, 2004 at 12:01 a.m.:

- In **Pre-Schedule**, as imbalances are discovered, Pre-schedule will work with the parties to resolve the discrepancies. However, if at Pre-Schedule checkout, the imbalance remains, Pre-Schedule will contact the appropriate party and implement the 15 minute rule revision window in accordance with TBL's Business Practice entitled "Reservation and Scheduling", dated September 28, 2004. At the end of the 15 minutes if there is no resolution, TBL reserves the right to adjust to the lower of the E-Tag(s) energy profile or RODS schedule to achieve a balance. TBL also reserves the right to deny or curtail an E-Tag(s) or refuse, cancel or reduce a RODS schedules if necessary to accomplish a timely checkout.
- In **Real-Time**, at checkout, TBL will notify you if the sum of the E-Tags does not balance with the associated RODS schedule.

If there is not sufficient transmission to accept the request, TBL Real-Time will accept the schedule up to the transmission limit and provide the TCH with 5 minutes to get the E-Tag and schedule balanced.

5. Possible Customer Responses to Matching or Balancing Problem(s)

When the customer is notified by TBL of a problem with E-Tag to RODS account/schedule matching or balancing, there are a number of options for resolving the problem. All such responses are subject to the applicable TBL scheduling procedures and Business Practices. Depending upon the specific problem identified, such responses may include:

- The PSE submitting missing E-Tag(s),
- The PSE submitting an E-Tag Correction Request,
- The PSE submitting an E-Tag Adjust Tag Request (to adjust MW Profile),
- The PSE Withdrawing the E-Tag and submitting a new one,
- The TCH getting a RODS account built (allowed only during account building hours),
- The TCH submitting a missing RODS schedule, or
- The TCH submitting a RODS schedule change request.

Note that if the PSE submits the E-Tag(s) before finalizing their energy transaction, the final RODS schedule may not match and balance with the sum of the E-Tag(s). In such cases, the TCH/PSE must adjust the E-Tag and/or the RODS schedule to create a balance. In Real-Time, the PSE must adjust the E-Tag prior to the TCH submitting the schedule adjustment. (See Summary Table of TBL Corrective Actions on the next page).

6. Summary Table of TBL Corrective Actions

TBL will take the corrective actions as described below after the TCH has been notified of the problem and provided 15/5 minutes (Pre-Schedule/Real-Time) to resolve the problem except as otherwise specified below.

| Problem | TBL Action | Notes |
|---|--|--|
| E-Tag does not have RODS account match | TBL will deny or curtail the E-Tag to zero for all hours (depending upon request status). | In Pre-Schedule, TBL will not deny/curtail the E-Tag for lack of RODS account match <i>until</i> such time as RODS account can no longer be built within the Pre-Schedule window. |
| E-Tag with valid RODS account match but no RODS schedule at checkout | TBL will either deny or curtail the E-Tag to zero for all hours in Pre-Schedule and for the next scheduling hour in Real-Time. | TBL action depends on the E-Tag status. TBL will only take this action after expiration of the 15/5 minute (Pre-Schedule/Real-Time) revision window (except in Real-Time beginning at 20 minutes to the hour, when TBL will take immediate corrective action). |
| RODS schedule but no E-Tag | TBL will deny the RODS schedule or reduce it to zero in all hours, depending upon the timeframe. | In Pre-Schedule, RODS schedule denial does not occur until checkout. In Real-Time, TBL will not accept a RODS schedule that does not have a previously submitted E-Tag. |
| Sum of E-Tag energy profiles is greater than RODS schedule energy profile | TBL will curtail E-Tag energy profile(s) to match RODS schedule profile. When there are multiple E-Tags involved, the curtailments will be done in a non-discriminatory fashion. | TBL will only take this action after expiration of the 15/5 minute (Pre-Schedule/Real-Time) revision window (except in Real-Time beginning at 20 minutes to the hour, when TBL will take immediate corrective action). |
| RODS schedule profile is greater than E-Tag energy profile(s) | TBL will reduce RODS schedule profile to match sum of E-Tag energy profiles. | TBL will only take this action after expiration of the 15/5 minute (Pre-Schedule/Real-Time) revision window (except in Real-Time beginning at 20 minutes to the hour, when TBL will take immediate corrective action). |

7. Related Documents

- Establish an Account Prior to Scheduling, Dated October 8, 2003
- Reservation and Scheduling Business Practice, Dated September 28, 2004
- General Overview of Transmission Transactions, Dated September 17, 2004
- Tag to Schedule Process Changes, Dated October 5, 2004